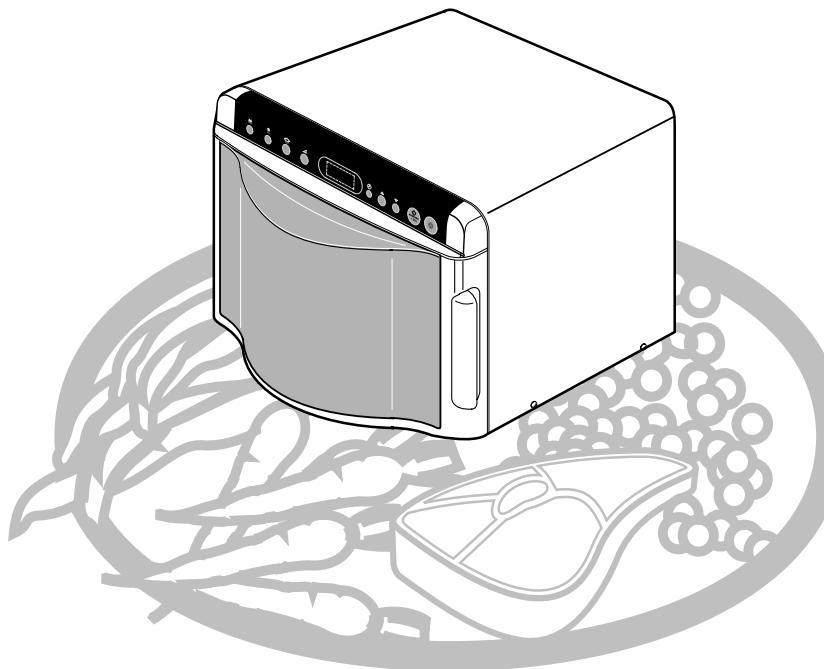


# MICROWAVE OVEN

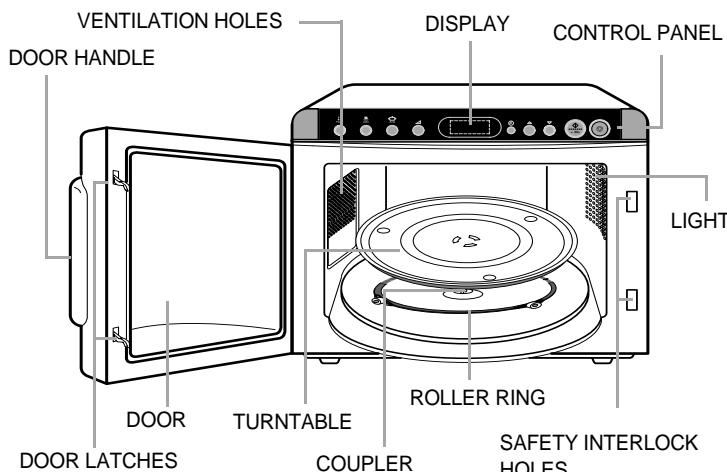
## Owner's Instructions and Cooking Guide

**MR87/MR89**

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## Oven

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## Accessories

Depending on the model that you have purchased, you are supplied with several accessories that can be used in a variety of ways.

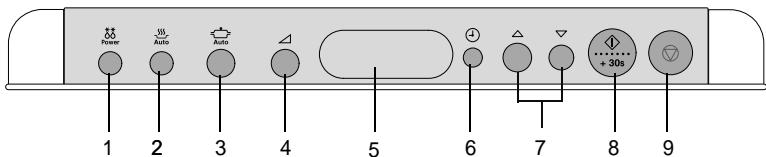
1. **Coupler**, already placed over the motor shaft in the base of the oven.  
Purpose : The coupler rotates the turntable.
2. **Roller ring**, to be placed in the centre of the oven.  
Purpose : The roller ring supports the turntable.
3. **Turntable**, to be placed on the roller ring with the centre fitting to the coupler.  
Purpose : The turntable serves as the main cooking surface; it can be easily removed for cleaning.
4. **Baby Bottle Stand**, see page 17.  
Purpose : To heat the baby bottle, insert the baby bottle aslant in the groove of the Baby Bottle Stand.
5. **Power steam cooker**, see page 12.(MR89 Only)  
Purpose : Use the plastic steam cooker when using power steam function.



**DO NOT** operate the microwave oven without the roller ring and turntable.

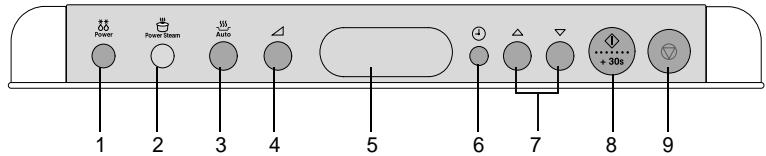
## Control Panel

Model : MR87



1. AUTO POWER DEFROST BUTTON
2. AUTO REHEAT SELECTION BUTTON
3. AUTO COOK BUTTON
4. POWER LEVEL SETTING
5. DISPLAY
6. CLOCK SETTING
7. UP/DOWN BUTTON (cook time, weight and serving size)
8. START BUTTON
9. STOP/CANCEL BUTTON

Model : MR89



1. AUTO POWER DEFROST BUTTON
2. POWER STEAM BUTTON
3. AUTO REHEAT SELECTION BUTTON
4. POWER LEVEL SETTING
5. DISPLAY
6. CLOCK SETTING
7. UP/DOWN BUTTON (cook time, weight and serving size)
8. START BUTTON
9. STOP/CANCEL BUTTON

## Using this Instruction Booklet

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You have just purchased a SAMSUNG microwave oven. Your Owner's Instructions contain much valuable information on cooking with your microwave oven:

- Safety precautions
- Suitable accessories and cookware
- Useful cooking tips

At the front of the booklet you will find illustrations of the oven, and more importantly the control panel, so that you can find the buttons more easily.

The step-by-step procedures use two different symbols.



Important

Note

### PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY

- Failure to observe the following safety precautions may result in harmful exposure to microwave energy.
  - (a) Under no circumstances should any attempt be made to operate the oven with the door open or to tamper with the safety interlocks (door latches) or to insert anything into the safety interlock holes.
  - (b) Do not place any object between the oven door and front face or allow food or cleaner residues to accumulate on sealing surfaces. Ensure that the door and door sealing surfaces are kept clean by wiping after use first with a damp cloth and then with a soft dry cloth.
  - (c) Do not operate the oven if it is damaged until it has been repaired by a qualified microwave service technician trained by the manufacturer. It is particularly important that the oven door closes properly and that there is no damage to the:
    - (1) Door, door seals and sealing surfaces
    - (2) Door hinges (broken or loose)
    - (3) Power cable
  - (d) The oven should not be adjusted or repaired by anyone other than a properly qualified microwave service technician trained by the manufacturer.

# Safety Precautions

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## IMPORTANT SAFETY INSTRUCTIONS.

### READ CAREFULLY AND KEEP FOR FUTURE REFERENCE.

*Before cooking food or liquids in your microwave oven, please check that the following safety precautions are taken.*

**1. DO NOT** use any metallic cookware in the microwave oven:

- Metallic containers
- Dinnerware with gold or silver trimmings
- Skewers, forks, etc.

Reason: Electric arcing or sparking may occur and may damage the oven.

**2. DO NOT** heat:

- Airtight or vacuum-sealed bottles, jars, containers

Ex) Baby food jars

- Airtight food.

Ex) Eggs, nuts in shells, tomatoes

Reason: The increase in pressure may cause them to explode.

Tip: Remove lids and pierce skins, bags, etc.

**3. DO NOT** operate the microwave oven when it is empty.

Reason: The oven walls may be damaged.

Tip: Leave a glass of water inside the oven at all times.

The water will absorb the microwaves if you accidentally set the oven going when it is empty.

**4. DO NOT** cover the rear ventilation slots with cloths or paper.

Reason: The cloths or paper may catch fire as hot air is evacuated from the oven.

**5. ALWAYS** use oven gloves when removing a dish from the oven.

Reason: Some dishes absorb microwaves and heat is always transferred from the food to the dish. The dishes are therefore hot.

**6. DO NOT** touch heating elements or interior oven walls.

Reason: These walls may be hot enough to burn even after cooking has finished, even though they do not appear to be so. Do not allow inflammable materials to come into contact with any interior area of the oven. Let the oven cool down first.

**7. To reduce the risk of fire in the oven cavity:**

- Do not store flammable materials in the oven
- Remove wire twist ties from paper or plastic bags
- Do not use your microwave oven to dry newspapers
- If smoke is observed, keep the oven door closed and switch off or disconnect the oven from the power supply

**8. Take particular care when heating liquids and baby foods.**

- **ALWAYS** allow a standing time of at least 20 seconds after the oven has been switched off so that the temperature can equalize.
- Stir during heating, if necessary, and **ALWAYS** stir after heating.
- Take care when handling the container after heating. You may burn yourself, if the container is too hot.
- A risk of delayed eruptive boiling exists.
- To prevent delayed boiling and possible scalding, you should put a plastic spoon or glass stick into the beverages and stir before, during and after heating.

Reason: During the heating of liquids the boiling point can be delayed; this means that eruptive boiling can start after the container is removed from the oven. You may scald yourself.

**• In the event of scalding, follow these FIRST AID instructions:**

- \* Immerse the scalded area in cold water for at least 10 minutes.
- \* Cover with a clean, dry dressing.
- \* Do not apply any creams, oils or lotions.

**• NEVER** fill the container to the top and choose a container that is wider at the top than at the bottom to prevent the liquid from boiling over. Bottles with narrow necks may also explode if overheated.

**• ALWAYS** check the temperature of baby food or milk before giving it to the baby.

**• NEVER** heat a baby's bottle with the teat on, as the bottle may explode if overheated.

**9. Be careful not to damage the power cable.**

- Do not immerse the power cable or plug in water and keep the power cable away from heated surfaces.
- Do not operate this appliance if it has a damaged power cable or plug.

**10. Stand at arm's length from the oven when opening the door.**

Reason: The hot air or steam released may cause scalding.

**11. Keep the inside of the oven clean.**

Reason: Food particles or spattered oils stuck to oven walls or floor can cause paint damage and reduce the efficiency of the oven.

## Safety Precautions (continued)

12. You may notice a "Clicking" sound during operation (especially when the oven is defrosting).  
Reason: This sound is normal when the electrical power output is changing.

13. When the microwave oven is operating without any load, the power will be cut off automatically for safety. You can operate normally after letting it stand for over 30 minutes.

### IMPORTANT SAFETY INSTRUCTIONS

During cooking, you should look into the oven from time to time when food is being heated or cooked in disposable containers of plastic, paper or other combustible materials.

#### IMPORTANT

Young children should **NEVER** be allowed to use or play with the microwave oven. Nor should they be left unattended near the microwave oven when it is in use. Items of interest to children should not be stored or hidden just above the oven.

#### WARNING:

If the door or door seals are damaged, the oven must not be operated until it has been repaired by a competent person.

#### WARNING:

It is hazardous for anyone other than a competent person to carry out any service or repair operation which involves the removal of a cover which gives protection against exposure to microwave energy.

#### WARNING:

Liquids and other foods must not be heated in sealed containers since they are liable to explode.

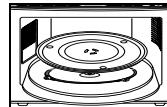
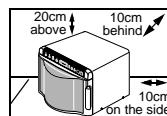
#### WARNING:

Only allow children to use the oven without supervision when adequate instructions have been given so that the child is able to use the oven in a safe way and understands the hazards of improper use.

## Installing Your Microwave Oven

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*Place the oven on a flat, level surface that is strong enough to safely bear the weight of the oven.*



1. When you install your oven, Make sure there is adequate ventilation for your oven by leaving at least 10 cm (4 inches) of space behind, and on the sides of the oven, at least 20 cm (8 inches) of space above the oven.
2. Remove all packing materials inside the oven. Install the roller ring and turntable. Check that the turntable rotates freely.
3. This microwave oven has to be positioned so that plug is accessible.

☛ **Never** block the air vents as the oven may overheat and automatically switch itself off. It will remain inoperable until it has cooled sufficiently.

☛ For your personal safety, plug the cable into a 3-pin, 230 Volt, 50Hz, AC earthed socket. If the power cable of this appliance is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.

☛ **Do not** install the microwave oven in hot or damp surroundings like next to a traditional oven or radiator. The power supply specifications of the oven must be respected and any extension cable used must be of the same standard as the power cable supplied with the oven. Wipe the interior and the door seal with a damp cloth before using your microwave oven for the first time.

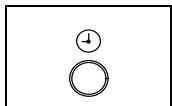
## Setting the Time

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Your microwave oven has an inbuilt clock. The time can be displayed in either the 24-hour or 12-hour notation. You must set the clock:

- When you first install your microwave oven
- After a power failure

Do not forget to reset the clock when you switch to and from summer or winter time.

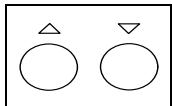


1. To display the time in the...

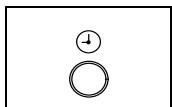
24-hour notation  
12-hour notation

Then press the button...

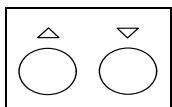
Once  
Twice



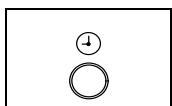
2. Press the **Up / Down** button to set the hour.



3. Press the button.



4. Press the **Up / Down** button to set the minute.



5. Press the button.

## What to Do if You are in Doubt or Have a Problem

If you have any of the problems listed below try the solutions given.

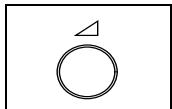
- ◆ This is normal.
  - Condensation inside the oven.
  - Air flow around the door and outer casing.
  - Light reflection around the door and outer casing.
  - Steam escaping from around the door or vents.
- The oven does not start when you press the button.
  - Is the door completely closed?
- ◆ The food is not cooked at all
  - Have you set the timer correctly and/or pressed the button?
  - Is the door closed?
  - Have you overloaded the electric circuit and caused a fuse to blow or a breaker to be triggered?
- ◆ The food is either overcooked or undercooked
  - Was the appropriate cooking length set for the type of food?
  - Was an appropriate power level chosen?
- ◆ Sparking and cracking occur inside the oven (arcing)
  - Have you used a dish with metal trimmings?
  - Have you left a fork or other metal utensil inside the oven?
  - Is aluminium foil too close to the inside walls?
- ◆ The oven causes interference with radios or televisions
  - Slight interference may be observed on televisions or radios when the oven is operating. This is normal. To solve this problem, install the oven away from televisions, radios and aerials.
  - If interference is detected by the oven's microprocessor, the display may be reset. To solve this problem, disconnect the power plug and reconnect it. Reset the time.
- If the above guidelines do not enable you to solve the problem, contact your local dealer or SAMSUNG after-sales service.

## Cooking / Reheating

The following procedure explains how to cook or reheat food.

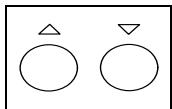
**ALWAYS** check your cooking settings before leaving the oven unattended.

First, place the food in the centre of the turntable. Then, close the door.

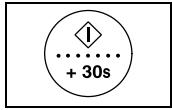


1. Press the button.

Result : The 800 W (maximum cooking power) indications are displayed:  
Select the appropriate power level by pressing the button again until the corresponding wattage is displayed. Refer to the power level table.



2. Set the cooking time by pressing the **Up / Down** button as required.



3. Press the button.

Result : The oven light comes on and the turntable starts rotating.  
Cooking starts and when it has finished the oven beeps four times.



**Never** switch the microwave oven on when it is empty.



If you wish to heat a dish for a short period of time at maximum power(800W), simply press the **+30s** button once for each 30 seconds of cooking time. The oven starts immediately.

## Power Levels

You can choose from among the power levels below.

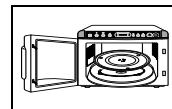
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Power Level	Output
HIGH	800 W
MEDIUM HIGH	600 W
MEDIUM	450 W
MEDIUM LOW	300 W
DEFROST	180 W
LOW / KEEP WARM	100 W

- If you select the higher power level, the cooking time must be decreased.
- If you select the lower power level, the cooking time must be increased.

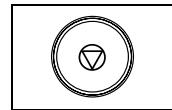
## Stopping the Cooking

You can stop cooking at any time to check the food.



1. To stop temporarily;  
Open the door.

Result : Cooking stops. To resume cooking, close the door and press again.



2. To stop Completely:

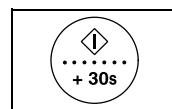
Press the button.

Result : The cooking stops.  
If you wish to cancel the cooking setting, press the Cancel( ) button again.

You can cancel any setting before you start cooking by simply pressing Cancel( ).

## Adjusting the Cooking Time

You can increase the cooking time by pressing the **+30s** button once for each 30 seconds to be added.



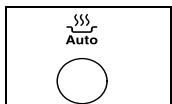
Press the **+30s** button once for each 30 seconds to be added.

## Using the Auto Reheat Feature

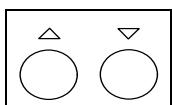
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The Auto Reheat feature has two pre-programmed cooking times. You do not need to set either the cooking times or the power level. You can adjust the number of servings by pressing the button. First, place the food in the centre of the turntable and close the door.

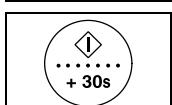
### Model : MR87



1. Select the type of food that you are cooking by pressing the **Auto Reheat**( <sub>Auto</sub>) button once or more times.



2. Select the size of the serving by pressing the **Up / Down** button. (Refer to the table.)



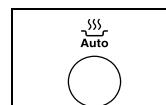
3. Press the button

Result : Cooking starts. When it has finished:

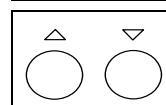
- 1) The oven beeps four times.
- 2) The end reminder signal will beep 3 times (once every minutes)
- 3) The current time is displayed again.

Use only recipients that are microwave-safe.

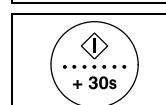
### Model : MR89



1. Select the type of food that you are cooking by pressing the **Auto Reheat**( <sub>Auto</sub>) button once or more times.



2. Select the size of the serving by pressing the **Up / Down** button. (Refer to the table.)



3. Press the button

Result : Cooking starts. When it has finished:

- 1) The oven beeps four times.
- 2) The end reminder signal will beep 3 times (once every minutes)
- 3) The current time is displayed again.

Use only recipients that are microwave-safe.

## Auto Reheat Settings

The following table presents 4 Auto Programmes for reheating food, it contains its quantities, standing times and appropriate recommendations.

Model : MR87

Code/ Food	Serving Size	Standing Time	Recommendations
1  <b>Drinks</b>	150 ml (1 cup) 250 ml (1 mug)	1-2 min.	Pour into a ceramic cup (150 ml) or mug (250 ml) and place in the centre of turntable. Reheat uncovered. Stir carefully before and after standing time. Be careful while taking the cups out (see safety instructions for liquids).
2  <b>Ready Meal</b> (Chilled)	300-350 g 400-450 g	3 min.	Put on a ceramic plate and cover with microwave cling film. This programme is suitable for meals consisting of 3 components (e.g. meat with sauce, vegetables and a side dish like potatoes, rice or pasta).
3  <b>frozen Ready Meal</b>	300-350 g 400-450 g	4 min.	Take frozen ready meal (-18°C) and check if dish is suitable for microwave. Pierce film of ready meal. Put the frozen ready meal in the centre of turntable. This programme is suitable for frozen ready meals consisting of 3 components (e.g. meat with sauce, vegetables and a side dish like potatoes, rice or pasta).
4  <b>Soup</b> (Chilled)	200 - 250 ml 300 - 350 ml 400 - 450 ml	2-3 min.	Pour the soup into a deep ceramic soup plate or bowl. Cover during heating and standing time. Stir before and after standing time.

The following table presents 4 Auto Programmes for reheating ready meal, frozen ready meal, drinks and defrosting frozen cake. It contains its quantities, standing times and appropriate recommendations.

Model : MR89

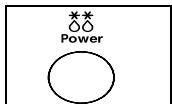
Code/ Food	Serving Size	Standing Time	Recommendations
1  <b>Ready Meal</b> (Chilled)	300-350 g 400-450 g	3 min.	Put on a ceramic plate and cover with microwave cling film. This programme is suitable for meals consisting of 3 components (e.g. meat with sauce, vegetables and a side dish like potatoes, rice or pasta).
2  <b>frozen Ready Meal</b>	300 - 350 g 400 - 450 g	4 min.	Take frozen ready meal and check if dish is suitable for microwave. Pierce film of ready meal. Put the frozen ready meal in the centre. This programme is suitable for frozen ready meals consisting of 3 components (e.g. meat with sauce, vegetables and a side dish like potatoes, rice or pasta).
3  <b>Drinks</b> Coffee, milk, tea, water (room-temperature)	150 ml (1 cup) 250 ml (1 mug)	1-2 min.	Pour into a ceramic cup (150 ml) or mug (250 ml) and place in the centre of turntable. Reheat uncovered. Stir carefully before and after standing time. Be careful while taking the cups out (see safety instructions for liquids).
4  <b>Frozen Cake Pieces</b>	100 g (1pc) 200 g (2pcs) 300 g (2-3pcs) 400 g (3-4pcs) 500 g (4pcs)	5-15 min.	Put flat frozen cake pieces (-18°C) on kitchen paper on turntable. Put one piece in the centre, put 2 pieces opposite to each other and 3-4 cake pieces in a circle. This programme is suitable for cake pieces such as apple cake with crumble topping, streusel cake, cake with poppy seeds and muffins. It is not suitable for a whole cake, cake with cream filling and cake with chocolate topping.

## Using the Auto Power Defrost Feature

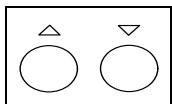
The Auto Power Defrost feature enables you to defrost meat, poultry, fish, bread/cake. The defrost time and power level are set automatically.

- Use only dishes that are microwave-safe.

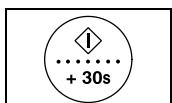
First, place the frozen food in the centre of the turntable and close the door.



- Select the type of food that you are cooking by pressing the **Power Defrost** (  ) button on or more times.



- Select the food weight by pressing the **Up / Down** button. (Refer to the table.)



- Press  button.

Result:

- Defrosting begins.
- The oven beeps halfway through defrosting to remind you to turn the food over.
- Press  button again to finish defrosting

- Use only recipients that are microwave-safe.

- You can also defrost food manually. To do so, select the microwave cooking/reheating function with a power level of 180W. Refer to the section entitled "Cooking/Reheating" on page 7 for further details.

## Auto Power Defrost Settings

The following table presents 4 Auto Defrost programmes, quantities, standing times and appropriate recommendations.

Remove all kind of package material before defrosting. Place meat, poultry and fish on a ceramic plate.

Food	Serving Size	Standing Time	Recommendations
1 	200-2000 g	20-60 min	Shield the edges with aluminium foil. Turn the meat over, when the oven beeps. This programme is suitable for beef, lamb, pork, steaks, chops and minced meat.
2 	200-2000 g	20-60 min	Shield the leg and wing tips with aluminium foil. Turn the poultry over, when the oven beeps. This programme is suitable for whole chicken as well as for chicken portions.
3 	200-2000 g	20-50 min	Shield the tail of a whole fish with aluminium foil. Turn the fish over, when the oven beeps. This programme is suitable for whole fishes as well as for fish fillets.
4 	125-1000 g	5-30 min	Put bread on a piece of kitchen paper and turn over, as soon as the oven beeps. Place cake on a ceramic plate and if possible, turn over, as soon as the oven beeps. (Oven keeps operating and is stopped, when you open the door.) This programme is suitable for all kinds of bread, sliced or whole, as well as for bread rolls and baguettes. Arrange bread rolls in a circle. This programme is suitable for all kinds of yeast cake, biscuit, cheese cake and puff pastry. It is not suitable for short/crust pastry, fruit and cream cakes as well as for cake with chocolate topping.

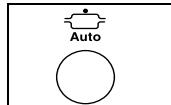
- Select the Manual Defrosting function with a power level of 180 W if you want to defrost food manually. For further details on manual defrosting and defrosting time, refer to the page 18.

## Using the Auto Cook Feature(MR87)

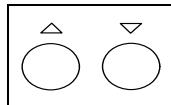
The Auto Cook feature has four pre-programmed cooking time, you do not need to set either the cooking time or power level.

You can adjust the number of servings by pressing the button.

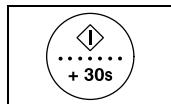
First, place the food in the centre of the turntable and close the door.



1. Select the type of food that you are cooking by pressing the **Auto Cook**() button once or more times.



2. Select the size of the serving by pressing the **Up / Down** button.  
(Refer to the table.)



3. Press the
- Result:** Cooking starts. When it has finished:
  - 1) The oven beeps four times.
  - 2) The end reminder signal will beep 3 times (once every minute)
  - 3) The current time is displayed again.

- ☒ Use only recipients that are microwave-safe.

## Auto Cook Setting(MR87)

The following table presents 4 Auto Programs, quantities, standing times and appropriate recommendations.

Code / Food	Serving Size	Standing Time	Recommendations
1	100-150 g 200-250 g 300-350 g 400-450 g 500-550 g	2-3 min	Weigh the vegetables after washing, cleaning and cutting into similar size. Put them into a glass bowl with lid. Add 30 ml (2 tablespoons) water when cooking for 100-250 g, add 45 ml (3 tablespoons) for 300-450 g and add 60-75 ml (4-5 tablespoons) for 500-550 g. Stir after cooking.
2	100-150 g 200-250 g 300-350 g 400-450 g 500-550 g	2-3 min	Weigh the frozen vegetables (-18°C) and put them in a suitable sized glass pyrex bowl with lid. When cooking 100-350 g add 15 ml (1 tablespoon) water for 400-550 g add 30 ml (2 tablespoons). Stir after cooking and during standing time. This programme is suitable for peas, sweet corn, broccoli, cauliflower and mixed vegetables such as peas, carrots and cauliflower.
3	200-250 g 300-350 g 400-450 g 500-550 g 600-650 g	3 min	Rinse with water and sprinkle with lemon juice. Use a suitable glass or ceramic dish. Lay whole fishes head to tail. Cover with microwave cling film during cooking and standing time.
4	100-150 g 200-250 g 300-350 g 400-450 g 500-550 g	3 min	Weigh the potatoes after peeling, washing and cutting into a similar size. Put them into a glass bowl with lid. Add 45 ml (3 tablespoons) water when cooking 300-450 g, add 60 ml (4 tablespoons) for cooking 500-550 g.

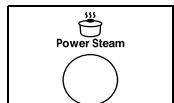
## Using the Power Steam Function(MR89)

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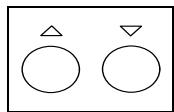
With the power steam feature, the cooking time is set automatically. You can adjust the number of servings by pressing the button.

Use the plastic steam cooker when using power steam function.

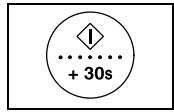
First, place the plastic steam cooker in the centre of the turntable and close the door.



1. Select the type of food that you are cooking by pressing the **Power Steam** (  ) button once or more times.



2. Select the size of the serving by pressing the **Up / Down** button.  
(Refer to the table.)



3. Press the  button.  
Result: Cooking starts. When it has finished:
  - 1) The oven beeps four times.
  - 2) The end reminder signal will beep 3 times (once every minute)
  - 3) The current time is displayed again.

☒ Use only recipients that are microwave-safe.

The following table presents the 4 Auto Programs of the Power Steam function, quantities, standing times and appropriate recommendations. Use the plastic steam cooker when using power steam function.

Code / Food	Serving Size	Standing Time	Recommendations
1 	250 g 375 g	4-5 min.	Put white rice (parboiled) into the steam bowl. Add 500 ml cold water when cooking 250 g rice and add 750 ml water for 375 g rice. Close lid of steam cooker. After cooking remove moisture in the cavity by using kitchen paper.
2 	100-150 g 200-250 g 300-350 g 400-450 g 500-550 g	2-3 min.	Weigh the potatoes after peeling, washing and cutting into similar size. Put them into the steam bowl. Add 15-30 ml (1-2 tablespoons) water when steaming 100-350 g, add 45-60 ml (3-4 tablespoons) for 400-550 g. Close lid of steam cooker.
3 	100-150 g 200-250 g 300-350 g 400-450 g	1-2 min.	Weigh the vegetables after washing, cleaning and cutting into similar size. Put them into the steam bowl. Add 30 ml (2 tablespoons) water, when steaming 100-350 g, add 45 ml (3 tablespoons) for 400-450 g. Close lid of steam cooker. After steaming stir carefully before standing time.
4 	100-150 g 200-250 g 300-350 g 400-450 g	2-3 min.	Weigh the fresh fruits after peeling and washing and cut into similar slices or cubes. Put into steam bowl. When steaming 100-350 g fruits add 15-30 ml (1-2 tbsp.) water, for 400-450 add 45ml (3 tbsp.). Additionally add 1-2 tbsp. sugar. Close lid of steam cooker. After steaming stir carefully. This programme is suitable for apples, pears, plums, apricots, mangoes or pineapple.



You can also steam food manually.

For further details on manual steam cook and time, refer to the page 19.

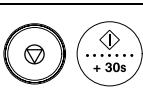
## Switching the Beeper Off

You can switch the beeper off whenever you want.



1. Press the  and  buttons at the same time.  
Result :
  - ◆ The following indication is displayed.  

  - ◆ The oven will not beep each time you press a button.



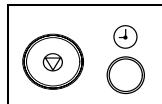
2. To switch the beeper back on, press the  and  buttons again at the same time.  
Result :
  - ◆ The following indication is displayed.  

  - ◆ The oven operates with the beeper on again.

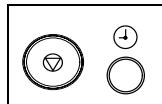
## Safety-Locking Your Microwave Oven

Your microwave oven is fitted with a special Child Safety programme, which enables the oven to be "locked" so that children or anyone unfamiliar with it cannot operate it accidentally.

The oven can be locked at any time.



1. Press the  and  buttons at the same time.  
Result :
  - ◆ The oven is locked (no functions can be selected).
  - ◆ The display shows "L".  

2. To unlock the oven, press the  and  buttons again at the same time.  
Result :

The oven can be used normally.

# Cookware Guide

GB

**To cook food in the microwave oven, the microwaves must be able to penetrate the food, without being reflected or absorbed by the dish used.**

**Care must therefore be taken when choosing the cookware. If the cookware is marked microwave-safe, you do not need to worry.**

**The following table lists various types of cookware and indicates whether and how they should be used in a microwave oven.**

Cookware	Microwave-Safe	Comments
Aluminium foil	✓ ✗	Can be used in small quantities to protect areas against overcooking. Arcing can occur if the foil is too close to the oven wall or if too much foil is used.
Browning plate	✓	Do not preheat for more than eight minutes.
China and earthenware	✓	Porcelain, pottery, glazed earthenware and bone china are usually suitable, unless decorated with a metal trim.
Disposable polyester cardboard dishes	✓	Some frozen foods are packaged in these dishes.
Fast-food packaging	<ul style="list-style-type: none"> <li>Polystyrene cups</li> <li>containers</li> <li>Paper bags or newspaper</li> <li>Recycled paper or metal trims</li> </ul>	<ul style="list-style-type: none"> <li>✓ Can be used to warm food. Overheating may cause the polystyrene to melt.</li> <li>✗ May catch fire.</li> <li>✗ May cause arcing.</li> </ul>
Glassware	<ul style="list-style-type: none"> <li>Oven-to-table ware</li> <li>Fine glassware</li> <li>Glass jars</li> </ul>	<ul style="list-style-type: none"> <li>✓ Can be used, unless decorated with a metal trim.</li> <li>✓ Can be used to warm foods or liquids. Delicate glass may break or crack if heated suddenly.</li> <li>✓ Must remove the lid. Suitable for warming only.</li> </ul>
Metal	<ul style="list-style-type: none"> <li>Dishes</li> <li>Freezer bag twist ties</li> </ul>	✗ May cause arcing or fire.

<b>Paper</b>	<ul style="list-style-type: none"> <li>Plates, cups, napkins and Kitchen paper</li> <li>Recycled paper</li> </ul>	✓ ✗	For short cooking times and warming. Also to absorb excess moisture. May cause arcing.
<b>Plastic</b>	<ul style="list-style-type: none"> <li>Containers</li> <li>Cling film</li> <li>Freezer bags</li> </ul>	✓ ✗ ✗ ✗	<ul style="list-style-type: none"> <li>Particularly if heat-resistant thermoplastic. Some other plastics may warp or discolour at high temperatures. Do not use Melamine plastic.</li> <li>Can be used to retain moisture. Should not touch the food. Take care when removing the film as hot steam will escape.</li> <li>Only if boilable or oven-proof. Should not be airtight. Prick with a fork, if necessary.</li> </ul>
<b>Wax or grease-proof paper</b>	✓		Can be used to retain moisture and prevent spattering.

✓ :Recommended

✓ ✗ :Use Caution

✗ :Unsafe

# Cooking Guide

## MICROWAVES

Microwave energy actually penetrates food, attracted and absorbed by its water, fat and sugar content.

The microwaves cause the molecules in the food to move rapidly. The rapid movement of these molecules creates friction and the resulting heat cooks the food.

## COOKING

### Cookware for microwave cooking:

Cookware must allow microwave energy to pass through it for maximum efficiency. Microwaves are reflected by metal, such as stainless steel, aluminium and copper, but they can penetrate through ceramic, glass, porcelain and plastic as well as paper and wood. So food must never be cooked in metal containers.

### Foods suitable for microwave cooking:

Many kinds of food are suitable for microwave cooking, including fresh or frozen vegetables, fruit, pasta, rice, grains, beans, fish, and meat. Sauces, custard, soups, steamed puddings, preserves, and chutneys can also be cooked in a microwave oven. Generally speaking, microwave cooking is ideal for any food that would normally be prepared on a hob. Melting butter or chocolate, for example (see the chapter with tips, techniques and hints).

### Covering during cooking

To cover the food during cooking is very important, as the evaporated water rises as steam and contributes to cooking process.

Food can be covered in different ways: e.g. with a ceramic plate, plastic cover or microwave suitable cling film.

### Standing times

After cooking is over food the standing time is important to allow the temperature to even out within the food.

### Cooking Guide for frozen vegetables

Use a suitable glass pyrex bowl with lid. Cook covered for the minimum time - see table. Continue cooking to get the result you prefer.

Stir twice during cooking and once after cooking. Add salt, herbs or butter after cooking. Cover during standing time.

Food	Portion	Power	Time (min.)	Standing Time(min.)	Instructions
Spinach	150g	600W	5-6	2-3	Add 15 ml (1 tablespoon) cold water.
Broccoli	300g	600W	8½-9½	2-3	Add 15 ml (1 tbsp.) cold water.
Peas	300g	600W	7½-8½	2-3	Add 15 ml (1 tbsp.) cold water.

Food	Portion	Power	Time (min.)	Standing Time(min.)	Instructions
Green Beans	300g	600W	9-10	2-3	Add 15 ml (1 tbsp.) cold water.
Mixed Vegetables (carrots/peas/corn)	300g	600W	7½-8½	2-3	Add 15 ml (1 tbsp.) cold water.
Mixed Vegetables (Chinese style)	300g	600W	8-9	2-3	Add 15 ml (1 tbsp.) cold water.

### Cooking Guide for rice and pasta

**Rice:** Use a large glass pyrex bowl with lid - rice doubles in volume during cooking. Cook covered. After the cooking time is over, stir before standing time and salt or add herbs and butter. Remark: the rice may not have absorbed all water after the cooking time is finished

**Pasta:** Use a large glass pyrex bowl. Add boiling water, a pinch of salt and stir well. Cook uncovered. Stir occasionally during and after cooking. Cover during standing time and drain thoroughly afterwards.

Food	Portion	Power	Time (min.)	Standing Time(min.)	Instructions
White Rice (parboiled)	250g	800W	16½-17½	5	Add 500 ml cold water.
Brown Rice (parboiled)	250g	800W	21½-22½	5	Add 500 ml cold water.
Brown Rice	250g	600W	21½-22½	10	Add 600 ml cold water.
Mixed Rice (rice + wild rice)	250g	800W	17½-18½	5	Add 500 ml cold water.
Mixed Corn (rice + grain)	250g	800W	18½-19½	5	Add 400 ml cold water.
Pasta	250g	800W	11-12	5	Add 1000 ml hot water.

# Cooking Guide (continued)

GB

## Cooking Guide for fresh vegetables

Use a suitable glass pyrex bowl with lid. Add 30-45 ml cold water (2-3 tbsp.) for every 250 g unless another

water quantity is recommended - see table. Cook covered for the minimum time - see table. Continue cooking to

get the result you prefer. Stir once during and once after cooking. Add salt, herbs or butter after cooking.

Cover during a standing time of 3 minutes.

**Hint:** Cut the fresh vegetables into even sized pieces. The smaller they are cut, the quicker they will cook.

**All fresh vegetables should be cooked using full microwave power (800 W).**

Food	Portion	Time (min.)	Standing Time (min.)	Instructions
Broccoli	250g 500g	4-4½ 7½-8	3	Prepare even sized florets. Arrange the stems to the centre.
Brussels Sprouts	250g	5½-6½	3	Add 60-75 ml (5-6 tbsp.) water.
Carrots	250g	4½-5	3	Cut carrots into even sized slices.
Cauliflower	250g 500g	5-5½ 8½-9	3	Prepare even sized florets. Cut big florets into halves. Arrange stems to the centre.
Courgettes	250g	3½-4	3	Cut courgettes into slices. Add 30 ml (2 tbsp.) water or a knob of butter. Cook until just tender.
Egg Plants	250g	3½-4	3	Cut egg plants into small slices and sprinkle with 1 tablespoon lemon juice.
Leeks	250g	4½-5	3	Cut leeks into thick slices.
Mushrooms	125g 250g	1½-2 3-3½	3	Prepare small whole or sliced mushrooms. Do not add any water. Sprinkle with lemon juice. Spice with salt and pepper. Drain before serving.
Onions	250g	5½-6	3	Cut onions into slices or halves. Add only 15 ml (1 tbsp.) water.
Pepper	250g	4½-5	3	Cut pepper into small slices.
Potatoes	250g 500g	4-5 7½-8½	3	Weigh the peeled potatoes and cut them into similar sized halves or quarters.
Turnip Cabbage	250g	5-5½	3	Cut turnip cabbage into small cubes.

## REHEATING

Your microwave oven will reheat food in a fraction of the time that conventional ovens hobs normally take.

Use the power levels and reheating times in the following chart as a guide. The times in the chart consider liquids with a room temperature of about +18 to +20°C or a chilled food with a temperature of about +5 to +7°C.

### Arranging and covering

Avoid reheating large items such as joint of meat - they tend to overcook and dry out before the centre is piping hot. Reheating small pieces will be more successful.

### Power levels and stirring

Some foods can be reheated using 800 W power while others should be reheated using 600 W, 450 W or even 300 W.

Check the tables for guidance. In general, it is better to reheat food using a lower power level, if the food is delicate, in large quantities, or if it is likely to heat up very quickly (mince pies, for example).

Stir well or turn food over during reheating for best results. When possible, stir again before serving.

Take particular care when heating liquids and baby foods. To prevent eruptive boiling of liquids and possible scalding, stir before, during and after heating. Keep them in the microwave oven during standing time. We recommend putting a plastic spoon or glass stick into the liquids. Avoid overheating (and therefore spoiling) the food.

- It is preferable to underestimate cooking time and add extra heating time, if necessary.

### Heating and standing times

When reheating food for the first time, it is helpful to make a note of the time taken - for future reference.

Always make sure that the reheated food is piping hot throughout.

Allow food to stand for a short time after reheating - to let the temperature even out.

The recommended standing time after reheating is 2-4 minutes, unless another time is recommended in the chart..

Take particular care when heating liquids and baby food. See also the chapter with the safety precautions.

## REHEATING LIQUIDS

Always allow a standing time of at least 20 seconds after the oven has been switched off to allow the temperature to even out. Stir during heating, if necessary, and ALWAYS stir after heating. To prevent eruptive boiling and possible scalding, you should put a spoon or glass stick into the beverages and stir before, during and after heating.

## Cooking Guide (continued)

### REHEATING BABY FOOD

#### BABY FOOD:

Empty into a deep ceramic plate. Cover with plastic lid. Stir well after reheating! Let stand for 2-3 minutes before serving. Stir again and check the temperature.

Recommended serving temperature: between 30-40°C.

#### BABY MILK:

Pour milk into a sterilised glass bottle. Reheat uncovered. Never heat a baby's bottle with teat on, as the bottle may explode if overheated. Shake well before standing time and again before serving! Always carefully check the temperature of baby milk or food before giving it to the baby. Recommended serving temperature: ca. 37°C.

#### REMARK:

Baby food particularly needs to be checked carefully before serving to prevent burns. Use the power levels and times in the next table as a guide lines for reheating.

### Reheating Baby Food and Milk

Use the power levels and times in this table as guide lines for reheating.

Food	Portion	Power	Time	Standing Time(min.)	Instructions
Baby food (vegetables + meat)	190g	600W	20-30sec.	2-3	Empty into ceramic deep plate. Cook covered. Stir after cooking time. Stand for 2-3 minutes. Before serving, stir well and check the temperature carefully.
Baby porridge (grain + milk + fruit)	190g	600W	10-20sec.	2-3	Empty into ceramic deep plate. Cook covered. Stir after cooking time. Stand for 2-3 minutes. Before serving, stir well and check the temperature carefully.
Baby milk	100ml 200ml	300W	30-40sec. 1min. to 1min.10sec.	2-3	Stir or shake well and pour into a sterilised glass bottle. Place into the centre of turntable. Cook uncovered. Shake well and stand for at least 3 minutes. Before serving, shake well and check the temperature carefully.

### Reheating Liquids and Food

Use the power levels and times in this table as a guide lines for reheating.

Food	Portion	Power	Time (min.)	Standing Time (min.)	Instructions
Drinks (coffee, tea and water)	150ml (1 cup) 250ml (1 cup)	800W	1-1½ 1½-2	1-2	Pour into cup and reheat uncovered. Put cup/ mug in the centre of turntable. Keep in microwave oven during standing time and stir well.
Soup (chilled)	250 g 450 g	800W	3-3½ 4-4½	2-3	Pour into a deep ceramic plate. Cover with plastic lid. Stir well after reheating. Stir again before serving.
Stew (chilled)	350g	600W	5½-6½	2-3	Put stew in a deep ceramic plate. Cover with plastic lid. Stir occasionally during reheating and again before standing and serving.
Pasta with sauce (chilled)	350g	600W	4½-5½	3	Put pasta (e.g. spaghetti or egg noodles) on a flat ceramic plate. Cover with microwave cling film. Stir before serving.
Filled pasta with sauce (chilled)	350g	600W	5-6	3	Put filled pasta (e.g. ravioli, tortellini) in a deep ceramic plate. Cover with plastic lid. Stir occasionally during reheating and again before standing and serving.
Plated Meal (chilled)	350g 450g	600W	5-6 6-7	3	Plate a meal of 2-3 chilled components on a ceramic dish. Cover with microwave cling-film.

## Cooking Guide (continued)

GB

### DEFROSTING

Microwaves are an excellent way of defrosting frozen food. Microwaves gently defrost frozen food in a short period of time.

This can be of great advantage, if unexpected guests suddenly show up.

Frozen poultry must be thoroughly thawed before cooking. Remove any metal ties and take it out of any wrapping to allow thawed liquid to drain away.

Put the frozen food on a dish without cover. Turn over half way, drain off any liquid and remove any giblets as soon as possible.

Check the food occasionally to make sure that it does not feel warm.

If smaller and thinner parts of the frozen food start to warm up, they can be shield by wrapping very small strips of aluminium foil around them during defrosting.

Should poultry start to warm up on the outer surface, stop thawing and allow it to stand for 20 minutes before continuing.

Leave the fish, meat and poultry to stand in order to complete defrosting. The standing time for complete defrosting will vary depending on the quantity defrosted. Please refer to the table below.

**Hint:** Flat food defrosts better than thick and smaller quantities need less time than bigger ones. Remember this hint while freezing and defrosting food.

For defrosting of frozen food with a temperature of about -18 to - 20 °C, use the following table as a guide.

All frozen food should be defrosted using defrosting power level (180 W).

Food	Portion	Time (min.)	Standing Time (min.)	Instructions
Meat	Minced beef 250g 500g	5-6 9-11	10-20	Place the meat on a flat ceramic plate. Shield thinner edges with aluminium foil. Turn over after half of defrosting time!
	Pork steaks 250g	6-7		
	Whole chicken 500g (2pcs) 950g	12-14 24-26		
Poultry	Chicken pieces 950g	12-14 24-26	15-40	First, put chicken pieces first skin-side down, whole chicken first breast-side-down on a flat ceramic plate. Shield the thinner parts like wings and ends with aluminium foil. Turn over after half of defrosting time!
	Whole chicken 950g	24-26		
Fish	Fish fillets 200g (2 pcs) 400g (4 pcs)	4½-5½ 8-10	5-20	Put frozen fish in the middle of a flat ceramic plate. Arrange the thinner parts under the thicker parts. Shield narrow ends with aluminium foil. Turn over after half of defrosting time!
Fruits	Berries 250g	4½-5½	5-10	Distribute fruits on a flat, round glass dish (with a large diameter).
Bread	Bread rolls (each ca. 50 g) 4pcs 250g Toast/ Sandwich German bread (wheat + rye flour) 500g	1½-2 3-3½ 4-4½ 8-10	5-10	Arrange rolls in a circle or bread horizontally on kitchen paper in the middle of turntable. Turn over after half of defrosting time!

## Cooking Guide (continued)

### Cooking Guide for Steam Cook (MR89 only)

Food	Portion	Power	Time (min.)	Standing Time (min.)	Instructions
Artichokes	300 g (1-2 pcs)	800W	5-6	1-2	Rinse and clean artichokes. Set into steam bowl. Add one tablespoon lemon juice. Close lid of steam cooker.
Fresh Vegetables	300 g	800W	4½-5	1-2	Weigh the vegetables (e.g. broccoli, cauliflower, carrots, pepper) after washing, cleaning and cutting into similar size. Add 2 tablespoons water. Close lid of steam cooker.
Frozen Vegetables	300 g	600W	7-8	2-3	Put the frozen vegetables into the steam bowl. Add 1 tablespoon water. Close lid of steam cooker. Stir well after cooking and standing.
Rice	250g	800W	15-18	5-10	Put rice into the steam bowl. Add 500 ml cold water. Close lid of steam cooker. After cooking let stand white rice 5 minutes, brown rice 10 minutes.
Stew (chilled)	400 g	600W	5-6	1-2	Put stew into the steam bowl. Close lid of steam cooker. Stir well before standing.
Soup (chilled)	400 g	800W	3-4	1-2	Pour into steam bowl. Close lid of steam cooker. Stir well before standing.

Food	Portion	Power	Time (min.)	Standing Time (min.)	Instructions
Frozen Soup	400 g	800W	8-10	2-3	Put frozen soup into steam bowl. Close lid of steam cooker. Stir well before standing.
Frozen Chicken Curry with vegetables	300 g plus water	800W	10-12	2-3	Put the frozen chicken curry (ready meal frozen in pieces) into the steam bowl add 100 ml cold water. Close lid of steam cooker.
Frozen Yeast Dumpling with jam filling	150 g	600W	1-2	2-3	Put the frozen chicken curry (ready meal frozen in pieces) into the steam bowl add 100 ml cold water. Close lid of steam cooker.
Popcorn	50 g	800W	2-3	1-2	Put 50 g dried sweet corn suitable for popcorn into the steam bowl. Add 10 g. butter and 1 tbsp. sugar. Close lid of steam cooker. Use oven gloves when taking out! (Before cleaning soak bowl in water).

GB

## Cooking Guide (continued)

GB

### QUICK AND EASY

#### MELTING BUTTER

Put 50 g butter into a small deep glass dish. Cover with plastic lid. Heat for 30-40 seconds using 800 W, until butter is melted.

#### MELTING CHOCOLATE

Put 100 g chocolate into a small deep glass dish. Heat for 3-5 minutes, using 450 W until chocolate is melted. Stir once or twice during melting. Use oven gloves while taking out!

#### MELTING CRYSTALLIZED HONEY

Put 20 g crystallized honey into a small deep glass dish. Heat for 20-30 seconds using 300 W, until honey is melted.

#### MELTING GELATINE

Lay dry gelatine sheets (10 g) for 5 minutes into cold water.

Put drained gelatine into a small glass pyrex bowl.

Heat for 1 minute using 300 W.

Stir after melting.

#### COOKING GLAZE/ICING (FOR CAKE AND GATEAUX)

Mix instant glaze (approximately 14 g) with 40 g sugar and 250 ml cold water.

Cook uncovered in a glass pyrex bowl for 3½ to 4½ minutes using 800 W, until glaze/icing is transparent. Stir twice during cooking.

#### COOKING JAM

Put 600 g fruits (for example mixed berries) in a suitable sized glass pyrex bowl with lid. Add 300 g preserving sugar and stir well. Cook covered for 10-12 minutes using 800 W. Stir several times during cooking. Empty directly into small jam glasses with twist-off lids. Stand on lid for 5 minutes.

#### COOKING PUDDING

Mix pudding powder with sugar and milk (500 ml) by following the manufacturers instructions and stir well. Use a suitable sized glass pyrex bowl with lid. Cook covered for 6½ to 7½ minutes using 800 W.

Stir several times well during cooking.

#### BROWNING ALMOND SLICES

Spread 30 g sliced almonds evenly on a medium sized ceramic plate. Stir several times during browning for 3½ to 4½ minutes using 600 W. Let it stand for 2-3 minutes in the oven. Use oven gloves while taking out!

## Cleaning Your Microwave Oven

*The following parts of your microwave oven should be cleaned regularly to prevent grease and food particles from building up:*

- **Inside and outside surfaces**
- **Door and door seals**
- **Turntable and Roller rings**

-  **ALWAYS** ensure that the door seals are clean and the door closes properly.
-  Failure to maintain the oven in a clean condition could lead to deterioration of the surface that could adversely affect the of the appliance and possibly result in a hazardous situation.
- 1. Clean the outside surfaces with a soft cloth and warm, soapy water. Rinse and dry.
- 2. Remove any splashes or stains on the inside surfaces or on the roller ring with a soapy cloth. Rinse and dry.
- 3. To loosen hardened food particles and remove smells, place a cup of diluted lemon juice on the turntable and heat for ten minutes at maximum power.
- 4. Wash the dishwasher-safe plate whenever necessary.

-  **DO NOT** spill water in the vents. NEVER use any abrasive products or chemical solvents. Take particular care when cleaning the door seals to ensure that no particles:
  - Accumulate
  - Prevent the door from closing correctly

## Installation & Wiring Instructions

### IMPORTANT NOTE :

The mains lead on this equipment is supplied with a moulded plug incorporating a fuse. The value of the fuse is indicated on the pin face of the plug and, if it requires replacing, a fuse approved to BS1363 of the same rating must be used.

Never use the plug with the fuse cover omitted if the cover is detachable. If a replacement fuse cover is required, it must be of the same colour as the pin face of the plug.

- Replacement covers are available from your Dealer. If the fitted plug is not suitable for the power points in your house or the cable is not long enough to reach a power point, you should obtain a suitable safety approved extension lead or consult your Dealer for assistance. However, if there is no alternative to cutting off the plug, remove the fuse and then safely dispose of the plug. Do not connect the plug to a mains socket, as there is a risk of shock hazard from the bared flexible cord.

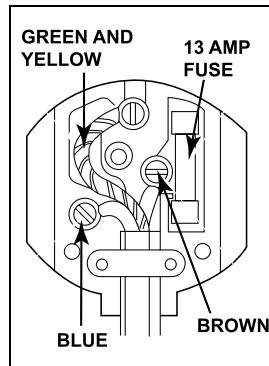
## Wiring Instructions

### WARNING THIS APPLIANCE MUST BE EARTED.

This appliance must be earthed. In the event of an electrical short circuit, earthing reduces the risk of electric shock providing an escape wire for the electric current. The appliance is equipped with a mains lead which includes an earth wire for connecting to the earth terminal of your mains plug. The plug must be plugged into a socket that is properly installed and earthed.

- The wires in this mains lead are coloured in accordance with the following code:
  - Green-and yellow : Earth
  - Blue : Neutral
  - Brown : Live
- As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows.
  - ◆ Connect the green-and yellow wire to the terminal in the plug marked with the letter E or the earth symbol (  $\frac{1}{2}$  ) or coloured green or green-and-yellow.
  - ◆ Connect the blue wire to the terminal marked with the letter N or coloured black.
- Consult a qualified electrician or service technician if in doubt about any of these instructions.
- The manufacturer of this oven will not accept any liability for damage to persons or material for non observance of these requirements.

There are no user+serviceable parts inside the oven and if the mains lead of this appliance is damaged, it must only be replaced by qualified service personnel approved by the manufacturer because special tools are required.



### WARNING

Ensure that the plug and power cord are not damaged before use.

If you have any reason to remove the moulded plug from this appliance, immediately remove the fuse and dispose of the plug.

Do not connect the plug to a mains socket under any circumstances as there is a danger of electric shock.

### CIRCUITS

Your microwave oven should be operated on a separate circuit from other appliances. Failure to do this may cause the circuit breaker to trip, the fuse to blow, or the food to cook more slowly.

## Cooking Instructions On Food Packaging

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### Microwave Symbols

On the front of your oven there is a microwave oven symbol, as shown below. This symbol has been introduced for your benefit when cooking or reheating packaged food.



Packaged food is also, increasingly, using a microwave symbol similar to the one below.

When you see this



Symbol on food packaging, the cooking instructions are based on either the IEC Power Output Rating, or the Reheating Categories A, B, C, D or E.

## Cooking Instructions

The IEC Power Output rating is an internationally standardised rating, so all microwave manufacturers now use the same method of measuring power output.

If food packaging gives cooking instructions based on IEC Power ratings, set cooking times according to the IEC Power of your oven.

For example :

If the cooking instructions are based on a 650W oven, then you will need to reduce some cooking time for the MR87/MR89 (800W)

Ready meals are now very convenient and popular. These are meals which are already prepared and cooked by the food manufacturer, and then frozen, chilled or

- vacuum sealed for long life.

Increasingly, heating times for such ready meals are being based on the Heating Categories A, B, C, D and E.

On this instance, simply match the heating category of your oven to the instructions on the food package, and set your timer accordingly.

For example :

If the heating instructions are 3 minutes on HIGH for a D category oven, then you will need to set your timer for less than 3 minutes on HIGH for the MR87/MR89 (E category).

-  Always remember that cooking instructions are intended only as a guide. If you have followed the instructions and the food is still not piping hot throughout, simply return it to the oven and cook it until it is.

## Storing and Repairing Your Microwave Oven

A few simple precautions should be taken when storing or having your microwave oven serviced.

**The oven must not be used if the door or door seals are damaged:**

- **Broken hinge**
- **Deteriorated seals**
- **Distorted or bent oven casing**

**Only a qualified microwave service technician should perform repair**

- ☒ **NEVER** remove the outer casing from the oven. If the oven is faulty and needs servicing or you are in doubt about its condition:
  - Unplug it from the wall socket
  - Contact the nearest after-sales service centre
- ☒ If you wish to store your oven away temporarily, choose a dry, dust-free place.  
**Reason:** Dust and damp may adversely affect the working parts in the oven.
- ☒ This microwave oven is not intended for commercial use.

## Technical Specifications

SAMSUNG strives to improve its products at all times. Both the design specifications and these user instructions are thus subject to change without notice.

<b>Model</b>	MR87/MR89
<b>Power source</b>	230V ~ 50 Hz
<b>Power consumption</b> Microwave	1200 W
<b>Output power</b>	100 W / 800 W (IEC-705) <ul style="list-style-type: none"><li>• 240V: 800W</li><li>• 230V: 750W</li></ul>
<b>Operating frequency</b>	2450 MHz
<b>Cooling method</b>	Cooling fan motor
<b>Dimensions (W x H x D)</b> Outside Oven cavity	421.5 x 319.5 x 436.7 mm 330 x 199 x 330 mm
<b>Volume</b>	20 liter
<b>Weight</b> Net	13.5 kg approx

